

TPM121XIT-12/3203C3600 S00006 - Touch panel



2401625

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Maritime-Touch panel, 30.7 cm / 12.1"-TFT display (Resistive industrial touch screen), 800 x 600 pixel(s) (SVGA), 262144 colors, Xscale® PXA320, 806 MHz, 2x USB host 1.1, 1 x Ethernet (10/100 Mbps), RJ45, Windows® CE 5.0, TSvisRT, without bus system.

Commercial data

Item number	2401625
Packing unit	1 pc
Minimum order quantity	1 pc
Product key	DRCBBB
GTIN	4055626295206
Weight per piece (including packing)	2.5 kg
Weight per piece (excluding packing)	2.5 kg
Country of origin	DE

Technical data

Product properties

Product type	Operator panel
Application	Maritime

Computer data

Processor	Xscale® PXA320, 806 MHz
Operating system	Windows® CE 5.0
RAM	128 MB SDRAM
	1 MB SRAM
Data storage system	NAND-Flash, 1 GB
Extras	Maritime with keys

Display

Display type	30.7 cm / 12.1"-TFT
Screen resolution	800 x 600 Pixel(s) (SVGA)
Touch technology	Resistive industrial touch screen
Display lighting type	LED
Brightness	360 cd/m² typical (adjustable)
MTBF	50000 h
Color spectrum	262144 colors
Reading angle left	80.00 °
Reading angle right	80.00 °
Reading angle top	60.00 °
Reading angle bottom	80.00 °

Interfaces

Interfaces	2x USB host 1.1
Optional interfaces	CF slot
Network	1 x Ethernet (10/100 Mbps), RJ45
Bus system	without bus system

System properties

User software	TSvisRT
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Electrical properties

Service life of battery	5 years (typical)
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Supply

Power supply unit	24 V DC ±20 %
Typical current consumption	0.7 A

Real-time clock

Realtime clock	Yes
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Mounting

Mounting type	Front mounting
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Material specifications

Material front plate	Aluminum (black anodized)
Housing material	Steel sheet, zinc-plated

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP65 (front), IP20 (back) NEMA 4X
Ambient temperature (operation)	0 °C ... 55 °C
Ambient temperature (storage/transport)	-25 °C ... 70 °C
Altitude	3000 m
Permissible humidity (operation)	20 % ... 85 % (non-condensing)
Shock	15g, according to IEC 60068-2-27
Vibration (operation)	0.7g, in accordance with EN 60068-2-6

Dimensions

External dimensions

Width / Height / Depth	340 mm / 285 mm / 5 mm (Dimensions of the front plate)
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Installation dimensions

Width / Height / Installation depth	315 mm / 259 mm / 62 mm (Mounting cutout, depth with bus if bus system present in the device)
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